

Please type a plus sign (+) inside this box ☐

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 06192.0263.NPUS00																																					
		First Named Inventor or Application Identifier Joong-Hyun MUN																																					
		Title	Liquid Crystal Display And A Method For Fabricating The Same																																				
		Express Mail Label No.																																					
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO: Assistant Commissioner for Patent Box Patent Application Washington, DC 20231																																					
<div style="display: flex; justify-content: space-between;"><div><p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <small>(Submit an original and a duplicate for fee processing)</small></p><p>2. <input checked="" type="checkbox"/> Specification [Total Pages 63] <small>(preferred arrangement set forth below)</small></p><ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claims- Abstract of the Disclosure<p><input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 61]</p><p>4. Oath or Declaration [Total Pages]</p><div style="margin-left: 20px;"><p>a. <input type="checkbox"/> Newly executed (original or copy)</p><p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small></p><p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p></div></div><div><p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p><p>7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small></p><div style="margin-left: 20px;"><p>a. <input type="checkbox"/> Computer Readable Copy</p><p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p><p>c. <input type="checkbox"/> Statement verifying identity of above copies</p></div></div></div>		<div style="border: 1px solid black; padding: 5px;">ACCOMPANYING APPLICATION PARTS</div> <div><p>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p><p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></p><p>10. <input type="checkbox"/> English Translation Document (if applicable)</p><p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p><p>12. <input type="checkbox"/> Preliminary Amendment</p><p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <small>(should be specifically itemized)</small></p><p>14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired</p><p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p><p>16. <input type="checkbox"/> Other:</p></div> <div style="font-size: small; margin-top: 5px;">*NOTE FOR ITEMS 1 & 14 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)</div>																																					
				<p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>																																			
<p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</p> <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)</div><div>of prior application No: /</div></div> <p style="text-align: center;">Prior Application Information: Examiner: Group/Art Unit:</p>																																							
18. CORRESPONDENCE ADDRESS																																							
<div style="display: flex; justify-content: space-between;"><div><input checked="" type="checkbox"/> Customer Number or Bar Code Label 22930 <small>(Insert Customer No. or Attach bar code label here)</small></div><div>or <input type="checkbox"/> Correspondence address below</div></div>																																							
<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2">NAME</td><td colspan="2">Michael J. Bell</td></tr><tr><td colspan="2"></td><td colspan="2">HOWREY SIMON ARNOLD & WHITE, LLP</td></tr><tr><td colspan="2"></td><td colspan="2">Box No. 34</td></tr><tr><td colspan="2">ADDRESS</td><td colspan="2">1299 Pennsylvania Avenue, N.W.</td></tr><tr><td>CITY</td><td>Washington</td><td>STATE</td><td>DC</td></tr><tr><td>COUNTRY</td><td>US</td><td>TELEPHONE</td><td>202-783-0800</td></tr><tr><td></td><td></td><td>FAX</td><td>202-383-7195</td></tr><tr><td colspan="2">Name (Print/Type)</td><td colspan="2">Registration No. (Attorney/Agent)</td></tr><tr><td colspan="2">Signature</td><td colspan="2">Date</td></tr></table>				NAME		Michael J. Bell				HOWREY SIMON ARNOLD & WHITE, LLP				Box No. 34		ADDRESS		1299 Pennsylvania Avenue, N.W.		CITY	Washington	STATE	DC	COUNTRY	US	TELEPHONE	202-783-0800			FAX	202-383-7195	Name (Print/Type)		Registration No. (Attorney/Agent)		Signature		Date	
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A LIMITED LIABILITY PARTNERSHIP

August 14, 2001

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **HEREWITH**
Title: **LIQUID CRYSTAL DISPLAY AND A METHOD FOR
FABRICATING THE SAME**
Inventors: **Joong-Hyun MUN, et al.**
Our Ref: **06192.0263.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**LIQUID CRYSTAL DISPLAY AND A METHOD FOR
FABRICATING THE SAME**

and naming as inventors: **Joong-Hyun MUN
Jang-Kun SONG
Yong-Woo CHOI
Bo-Sung KIM**

the application consisting of:

a. A specification containing:

- (i) **51** pages of description prior to the claims;
- (ii) **11** pages of claims (**38** claims);
- (iii) a **one (1)** page abstract;

b. **61** sheets of drawings: (Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 16A, 16B, 17A, 17B, 18A, 18B, 19A, 19B, 20A, 20B, 21, 22, 23A, 23B, 24, 25, 26, 27, 28, 29, 30, 31A, 31B, 32A, 32B, 33A, 33B, 34A, 34B, 35, 36, 37, 38, 39A, 39B, 39C, 40A, 40B, 40C, 41A, 41B, 42A, 42B, 43A, 43B, 44A, 44B, 45A, 45B, 46A, 46B, 46C, 47A, 47B, 48 and 49);

Box New Applications

Attorney Docket No. 06192.0263.NPUS00

August 14, 2001

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4. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

This application claims priority to Korean Patent Application Nos:

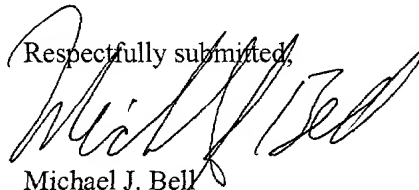
2000-47001 filed August 14, 2000

2001-1791 filed January 12, 2001

2001-47318 filed August 5,, 2001; and

2001-47489 filed August 7, 2001

Respectfully submitted,



Michael J. Bell
Registration No. 39,604

Enclosures

HOWREY SIMON ARNOLD & WHITE, LLP

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Attorney Docket No. 06192.0263.NPUS00ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Joong-Hyun MUN, et al.**For: **LIQUID CRYSTAL DISPLAY AND A METHOD FOR FABRICATING THE SAME**

Enclosed is a new application comprising:

- ☒ A specification containing: 51 pages of description prior to the claims; 11 pages of claims (38 claims); a one (1) page abstract; 61 sheets of drawings: (Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 16A, 16B, 17A, 17B, 18A, 18B, 19A, 19B, 20A, 20B, 21, 22, 23A, 23B, 24, 25, 26, 27, 28, 29, 30, 31A, 31B, 32A, 32B, 33A, 33B, 34A, 34B, 35, 36, 37, 38, 39A, 39B, 39C, 40A, 40B, 40C, 41A, 41B, 42A, 42B, 43A, 43B, 44A, 44B, 45A, 45B, 46A, 46B, 46C, 47A, 47B, 48 and 49)
- ☒ PTO SB/05

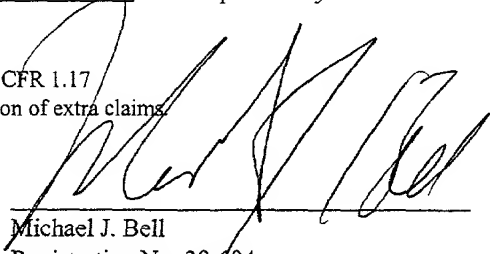
The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE			RATE	FEE
BASIC FEE				\$ 345.00	OR		\$ 710.00
TOTAL CLAIMS	38-20 =	* 18	x 9 =		OR	x 18 =	324.00
INDEP. CLAIMS	9-3 =	* 6	x 39 =		OR	x 80 =	480.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 130 =		OR	+ 270 =	
			TOTAL		OR	TOTAL	\$ 1,514.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of any fees during the pendency of this application or credit any overpayment, including those items listed below to Deposit Account No. 08-3038 referencing docket number 06192.0263.NPUS00. A duplicate of this sheet is enclosed.

- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims

Date August 14, 2001

 Michael J. Bell
 Registration No. 39,604